

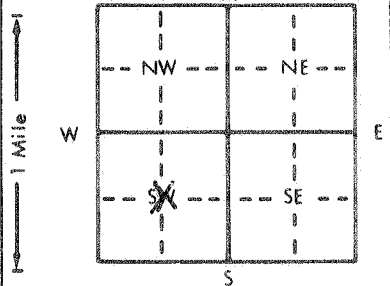
MW-1

1 LOCATION OF WATER WELL: Fraction NE 1/4 AC 1/4 SW 1/4 Section Number 5 Township Number T 19 S Range Number R 11 EW
 County: LYON

Distance and direction from nearest town or city street address of well if located within city?
2630 W 18th AVE Emporia KS

2 WATER WELL OWNER: BCM Engineers Inc Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: the Princeton Building Suite 100
 City, State, ZIP Code: 14651 Dallas Parkway Dallas TX 75240 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 22.5 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 18.3 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 12 ft. below land surface measured on mo/day/yr 4/26/93
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 2.14 in. to 23.0 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes _____ No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass _____ Threaded

Blank casing diameter 9" in. to 12 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 0.0 in., weight Sch 40 lbs./ft. Wall thickness or gauge No. _____

TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____

SCREEN-PERFORATED INTERVALS: From 12.0 ft. to 22.0 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 11.0 ft. to 23.0 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0.0 ft. to 11.0 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage

Direction from well? How many feet?

| FROM | TO | LITHOLOGIC LOG | FROM | TO | PLUGGING INTERVALS |
|------|------|---------------------|------|----|--------------------|
| 0.0 | 6.0 | Concrete | | | |
| 6.0 | 6.0 | Blk flint | | | |
| 6.0 | 12.0 | Rd Gr Br Matt HW cl | | | |
| 12.0 | 23.0 | Rd Br wea sandstone | | | |

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 4/26/93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 4/29/93 under the business name of Terracore Consultants Inc by (signature) Richard D. Murphy